8/126/62/014/003/014/022 E193/E383

AUTHORS: Yelyutin, V.P., Mozzhukhin, Ye.I., Panov, A.V. and

Khalil, R.B.

TITLE: Study of internal friction of copper on specimens

prepared by powder-metallurgy techniques

PERIODICAL: Fizika metallov i metallovedeniye, v. 14, no. 3, 1962, 443 - 451

TEXT: The object of the present investigation was to study the effect of various factors (compacting pressure, sintering conditions) on the internal friction of green and sintered copper-powder specimens. The test pieces (70 x 5 x 0.5 - 1.5 mm) were prepared from electrolytic copper powder (20 - 30 \(mu\) particle size), 99.915% purity, which had been given a preliminary reducing anneal (2 hours at 400 °C) in hydrogen. The internal friction was determined by measuring the amplitude of forced oscillations of the specimen near its resonance frequency on an apparatus designed by one of the present authors (a description is given of both the equipment and experimental procedure). Typical results are reproduced Card 1/43.

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in Figs. 3 and 5. In Fig. 3, the internal friction (tan 6 x 10 of green compacts, prepared under a pressure of 4 t/cm², is plotted against temperature (°C), curve 1 representing the results obtained on heating a freshly prepared compact, curve 2 showing the results obtained on subsequent cooling. Fig. 5 shows the temperature dependence of tan δ x 10^{4} of compacts sintered at 900 °C in a vacuum (curve 1) and hydrogen (curve 2). Several conclusions were reached: 1) Temperature-dependence of internal friction of green copper-powder compacts have two peaks: a low-temperature peak associated with the grainboundary effect and a high-temperature peak associated with the presence of oxygen; the internal friction of green compacts decreases with increasing compacting pressure. 2) The internal friction of green compacts, measured during the first heating cycle, is lower than that observed during subsequent cooling; this can be attributed to sintering taking place during the first heating cycle and during the first internal-friction measurements. 3) The high-temperature peak disappears if sintering is carried out in hydrogen at 900 - 1 000 Card 2/1/3

Study of internal friction ..

Study of internal friction

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4) On increasing the sintering temperature from 600 - 900 °C the height of the low-temperature peak increases and the peak is shifted towards higher temperatures; further increase in the sintering temperature brings about a decrease in the height of this peak. These effects indicate that on raising the sintering temperature from 600 to 900 °C the contact area increases at a rate faster than the rate of the grain growth; on raising the sintering temperature from 900 to 1 000 °C the rate of grain growth becomes faster. There are 7 figures.

ASSOCIATION:

Moskovskiy institut stali (Moscow Institute

of Steel)

SUBMITTED:

February 5, 1962

Card 3/4 3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720002-0"

Chally Hed Flants. Poteties. Vegetables, Sucurbits.

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EEF THUR - BIOLOGIYA, NO. 4, 1959. No. 15681

AUTHOR MELL TITES

Khalilbokov, A.M.

Dagestan Sci. Res. Inst. of Agric.

Effect of Stubble Strip Planting on the Development and Yield of Godder Relon Grove in Diagrastan.

ORIG. FUE. : in-ta s. kh., 1957, No.1, 41-44

ARCTRACT

According to institute data in ingresten, strong winds dry the soil and have a negative effect on the flowering and bee-pollination of molon crops. The soving of melone in stubble strips of corn at specimes of 5, 17 and to meters between strip rows contributed to raising the soil moisture content and better fertilization of flowers. As a result the crop of fodder squash fruits was 21.7 to 42 centners/hectare and of fodder watermelon 18 to 41 c/h higher when grown in stubble strips than grown without.

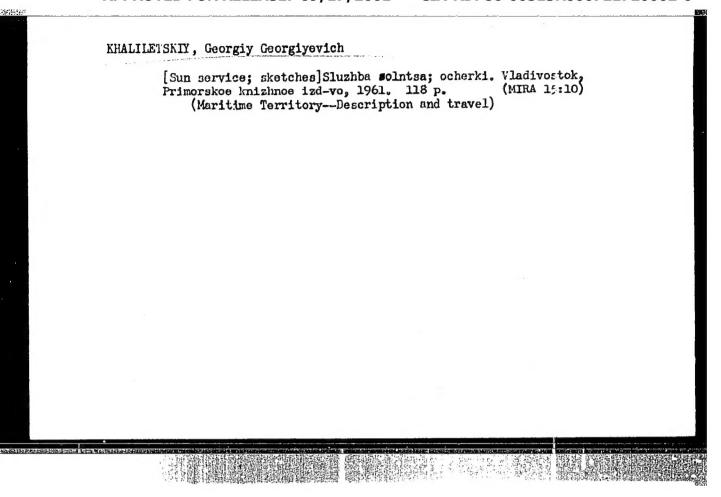
CARD:

1/1

KHALILETSKIY, Georgiy Georgiyevich; CHERNOVA, F.A., red.; SHAYKOVA, N.I., tekhn. red.

[Second birth of a city] Vtoroe roshdenie goroda. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 54 p. (MIRA 14:10)

(Vladivostok-Description)



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AUTHOR:	AP5028729 Yevstrop'yev, K. S	Medvedev, N.	SOURCE CODE:		0)1/011/1978/19 V. D. H	19
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TITLE: T	The effect of gaseo ght transmission o	us medium over			on the ultra	-
SOURCE: 1978-1981	AN SSSR. Izvestiy	Neorganiche	skiye materia	ly, v. 1, no.	11, 1965,	† ;
TOPIC TAG property	S: glass, optical	glass, fluorob	eryllium glass	s, glass synth	nesis, glass	*
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KHALILEYEV, K, H.

1 28-5-20/30

AUTHOR:

Bereznitskiy, B.P., and Khalileyev, K.A., Engineers

TITLE:

On the Normalization of Equipment and Its Elements (O normali-

zateii izdeliy i ikh elementov)

PERIODICAL:

Standartizatsiya, 1957. # 5. p 78-79 (USSR)

ABSTRACT:

The authors of the two letters published under this title criticize the article "Normalization of Equipment and Its Elements" ("Normalizatsiya izdeliy i ikh elementov") by M.A. Drozdovskiy, "Standartizatsiya" # 2, 1957.

Both authors say that machines can be normalized without

preliminary normalization of parts.

Since Drozdovskiy cited examples from the field of normalization of radio and electronics, it is pointed out that the technical documents for just this industry branch (1st part of "MH CYX") indicate that by "normalized equipment" is meant seriesproduced equipment, and that technical working documents have to be made for such equipment, including the working drawings for parts, i.e. the parts which are also normalized. It is wrong that the equipment mentioned by Drozdovskiy was normalized without normalizing the parts. Such norms or standards can exist

Card 1/2

On the Normalization of Equipment and Its Elements

28-5-20/30

without a direct connection with work drawings, and there are APPROVED FOR RELEASE: 09117/20011y, @AA-RDP86=80513R000721720002-0" re-numbering of drawings, and would create confusion.

Library of Congress AVAILABLE:

Card 2/2

Change of Resistance of Magnetite in a Magnetic Field at Low Temperatures.

Sov Phys 7, 108, 1935

KHALILEYEV, P. A.

Heat Conductivity and Electric Conductivity of Alkaline Metals in their Solid and Liquid States.

Leningrad Physico-Chemical Institute, 1937.

So: U-1837, 14 April 52.

KHALLLEYEV, P. A.; OBUKHOV, V. S.

Device for the Magnetic Inspection of Welded and Cast Products

Zav. Labor. 6, 1247, 1937

KHALILEYEV, P. A.

"Determination of Magnetic Properties in Separate Sections of Large Manufactured Goods ZhTF 8, 2118, 1938

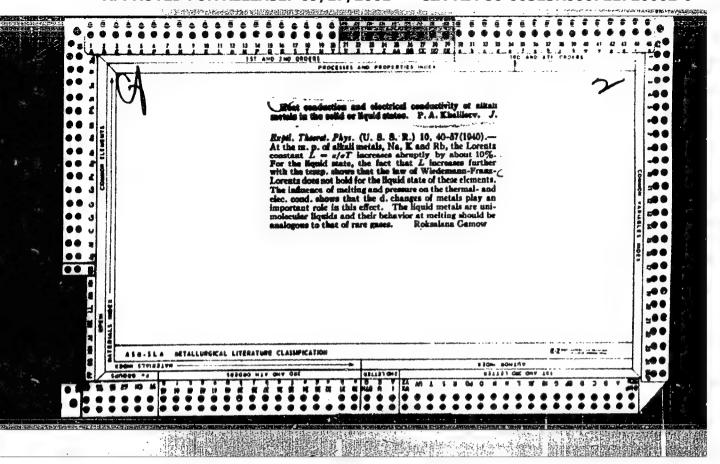


Diagram for new Hyper-Sensitive Plant Control of Rod and Sheet Materials by Magnetic Permeability

ZhTF 11, 936, 1941

KHALILEYEV, P. A.; VIASOV, V. V.

Magnetic Control of Rotating Bodies

Zav. Labor. 11, 7, 1945

KHALLEYEN, . A. ; VLAJOV, V. V.

Metals - Testing

Methods of magnetic defectoscopy used during high speed motion. Trudy Inst. fiz. met., No. 7, 1948.

Monthly List of Russian Accessions, Library of Congress. November, 1952. UNGLASSIFIED.

KURBATOV, L.H.; KHALILOV, P.A.; SUSOV, Ye.V.; KHARAKHORIN, F.F.

Effect of ultrahigh-frequency radiation on n-type indium antimonide. Pist. v red. Zhur.eksper. i teor.fiz. 2 no.6:262-266 S *65. (MIRA 18:12)

I. Submitted July 12, 1965.

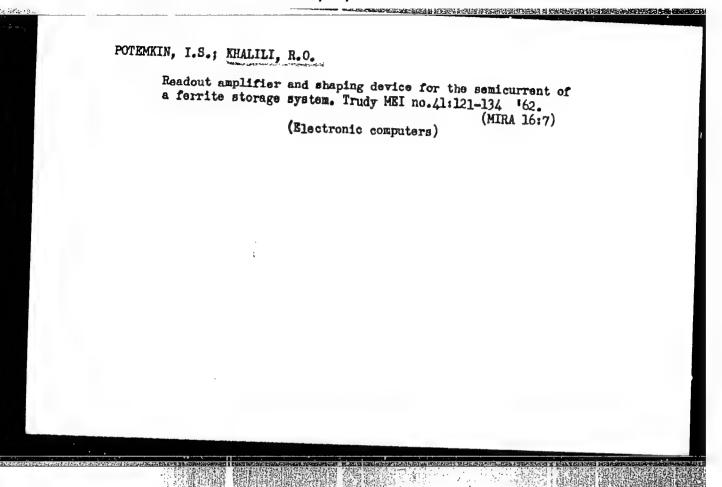
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PETROVA, A.F.; KHALILI, N.A.; SHTAMM, L.K.; TRAKHTENBERG, D.M.; RODIONOVSKAYA, E.I.; GORDINA, Z.V.

. . - and . Comment of the control of the second

Extraction of a crystalline erythromycin base from aqueous solutions. Med. prom. 14 no.9:32-36 S '60. (MIRA 13:9)

1. Sverdlovskiy zavod meditsinskikh preparatov i Vsesoyuznyy nauchnoissledovatel'skiy institut antibiotikov. (ERYTHROMYCIN)



KHALILOV, Agaoglan Aga Nagi ogly; YURKEYSKIY, S.V., prof., red.; SHTKYMORL', A.S., red.izd-va

[New pipe wrenches for underground repair of oil wells] Novye trubnye kliuchi dlia podzemnogo remonta neftianykh skvazhin.

Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry.

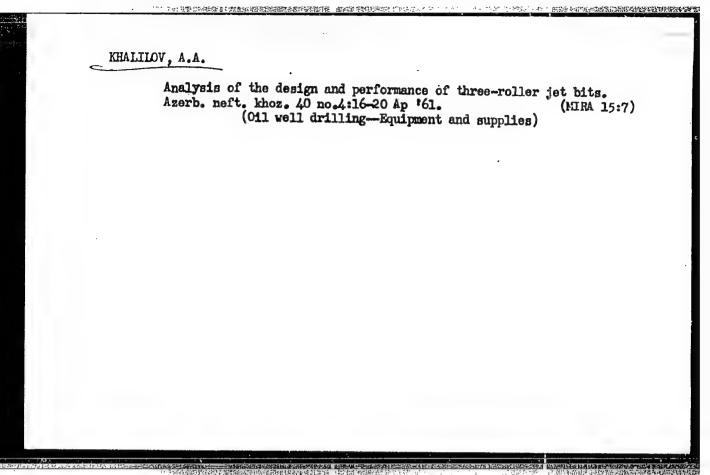
1957. 108 p. (MIRA 11:4)

(Oil wells--Equipment and supplies)

KHALILOV, A.A.

Designing circulating holes for jet bits. Izv. v/s.ucheb. zav.; neft' i gaz 4 no.4:117-120 '61. (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.
(Oil welldrilling---Equipment and supplies)



KEALILOV, Agaoglan Aganabi, kand. tokhn. nauk; NOVIKOVA, M.M., ved. red.

A STANDARD SENDING MEMORY OF A SENDING PORT OF SENDING PROPERTY AND SENDING PROPERTY OF SENDING PROPERTY O

[Effect of the design features of jet bits on the efficiency of their operation] Vliianie konstruktivnykh osobennostei gidromonitornykh dolot na effektivnostikh raboty. Moskva, Izd-vo Nedra, 1964. 92 p.

(MIRA 17:8)

KHALLING hote

Investigating the phydraulic parameters of the rotates of jet bits. Izv. vys. ucheb. zev.; neft' i gaz i no.11:101-105 '62. (MTRA 1746)

1. Azerbaydzhanekiy inetitzt nefti i khimii imeri Ezirbekova.

KHALILOV, A.D.; MAKAROV, Ye.S.

X-ray study of the lomonosovite-murmanite group. Geokhimia no.7: 673-677 J1 '63. (MIRA 16:9)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry Academy of Sciences, U.S.S.R., Moscow.

(X-ray crystallography)

KHALHLOV, A.D. v MAMEDOV, Kh.s.; MAKABOV, Ye.S.; PIVARZINA, L.Va.

Crystalline structure of murmanite, Poki, AN OSSR 161 no.6;
1209-1411 Ap *65. (MIRA 18:5)

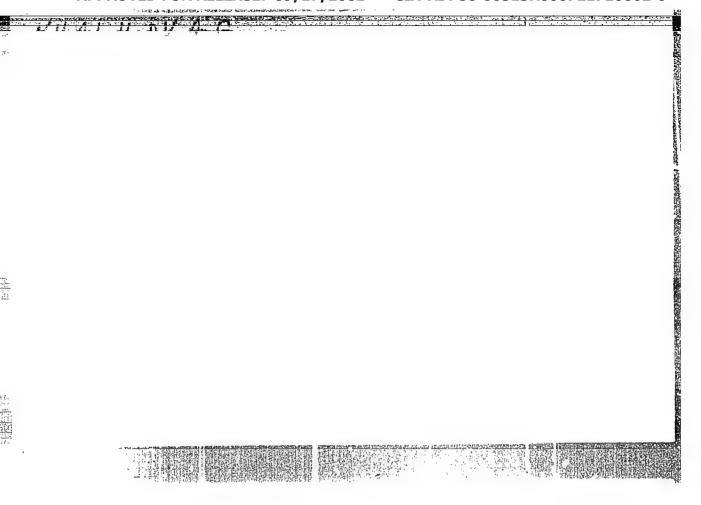
1. Institut khimii AN Aversor i Institut geokhimii i analiticheskey khimii im, V.I.Vernadskogo AN SOSR, Submitted November 14, 1904.

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KHALILOV, A.D.; MAKAROV, Ye.S.; MAMEDOV, Kh.S.; P'YANZINA, L.Ya.

Crystalline structure of the minerals of the murmanite-lomonosovite group. Dokl. AN SSSR 162 no.1:179-182 My 165. (MIRA 18:5)

1. Institut khimii AN AzerSSR i Institut gookhimii i analiticheskoy khimii im. V.I.Vernadskogo AN SSSR. Submitted November 14, 1964.



KHALILOV, A.G., aspirant

Vitamin B, metabolism and pyravic acid in a cute dysentery under the climatic conditions of the city of Tashkent. Med.shur.Usb. no.8-9:28-35 Ag-S 158. (MIRA 13:6)

1. Is kafedry infektsionnykh bolesney (sav. - prof. I.K. Musabayev) Tashkentskogo gosudarstvennogo instituta usovershenstvovaniya vrachey. (TASHKENT--DYSENTERY) (THIAMINE) (PYRUVIC ACID)

KHALILOV, A.G., aspirant

Effect of drugs and Vitamin B₁ on the clinical aspects of the disease and the dynamics of the rectoromanoscopic picture of the intestines in chronic dysentery. Nauch.trudy uch.i prak.vrach. no.2:44-56 '61. (MIRA 15:8)

1. Iz kafedry infektsionnykh bolezney Tashkentskogo instituta usovershenstvovaniya vrachey (zav. kafedroy - prof. I.K.Musabayev).

(DYSENTERY) (THIAMINE) (INTESTINES)

KHALILOV, A.G.

"Albian Deposits of the Territory Between the Rivers Terter and Khachinchay" Izv. AN Azerb. SSR, No 9, 1953, pp 55-60 (Azerbaydzhani resume)

Describes two regions where upper Albian deposits were found. They were identified by the presence of certain types of rocks and fossils. Geological conditions and the opinions of other scientists appear to confirm this identification. (RZ Geol, No l_i , 195 l_i)

SO: W-31187, 8 Mar 55

KHALIKOV, A. G.

Albian Deposits of the Lachin Region

The author describes the complete profile section of the Albian along the Anker River in the region of the city of Lachin, Azerbaydzhan. The lower Albian is made up of gray dense limestones (100 meters). In the middle Albian the following layers are evident (from bottom to top): (1) black marls in dark-gray limestone sandstones; (2) dark-gray marls with Phylloceras sp. and other ammonites (8 meters); (3) dark-gray laminar argillites with interstratifications of light-gray tuffo-sandstones and marls with rich fauna of Puzosia mayoriana d'Obr.; (4) dark-gray marls with interstratifications of light tuffo-sandstones with aucellina (40 meters); (5) dark-gray and black marls and argillites sandstones with aucellina (50 meters). (RZhGeol, No. 6, 1955) Izv. AN Az SSR. No. 5. 1954, 101-108 (Azerbaydzhani resume)

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

KHALILOV. A. G.

Lower Cretaceous Deposits of the Region of the Lysogor Mountain Pass (Caucasus Minor)

Lower Cretaceous deposits are rather widely distributed in the Akera River basin. Investigations of the author have permitted him to make more precise the distribution and stratigraphic disposition of the Albian deposits in the region of the Lysogor Mountain Pass. On the northern slope of Mount Sary-Baba the Albian of small thickness (50 meters) is represented by sandstones below and by alternation of sandstones and marls above. One encounters Aucellina gryphaeoides Sow., Per inquieria inflata Sow., etc. The Albian pushes against upper Jurassic rocks and is in contact with Titonian limestones. More SE than the peaks of Mount Sary-Baba, in the upper reaches of the Zaryslychay River, the thickness of the Albian increases to 100 meters and more; here are observed limestone medium-grain sandstones (40 meters), sandstone marls and argillites (25 meters). (RZhGeol, No. 6, 1955) Tr. Azerb. industr. in-ta. No. 7, 1954, 12-22 (Azerbaydzhani resume)

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

KHALILOV, A. G.

The Lower Cretaceous Aucellina of the Azerbaydzhan Part of Caucasus Minor

P. Aucellina are widely distributed in the Aptian and Albian deposits in the mediterranean province. The author describes, for the first time, eight species from the Lower Cretaceous deposits of Azerbaydzhan: A. aptiensis (d'Obr.) Popm., A. massibianzi sok., A. Caucasica Buch., A. anthulai Pavl., A. pompeckii Pavl., A. pavlowi Sok., A. gryphaeoides Sow., and A. parva Stol. (RZhGeol, No. 5, 1955) Tr. Azerb. industr. in-ta, No. 8, 1954, 17-32 (Azerbaydzhani resume)

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

KHALILOV, A. G.

"Fauna and Stratigraphy of the Albian Deposits of the Tutgun River Basin (Caucasus Minor)", Dokl. AN Az SSR, 10, No 3, 175-178, 1954 (Azerbaydzhani resume).

On the western part of the north slope of the Kykhtekyan Range in the Tutgun River basin (right tributary of the Terter River) one can observe a series of Albian deposits more than 1000 meters thick, which was mistakenly referred to the Upper Cretaceous. This series is represented by dark-gray and black argillites and by dark-gray partly tufegenic marl and sandstones. Most of the species encountered possess wide geographical distribution, which indicates a connection between the Albian Sea of the Sevan-Akera zone with the Mediterranean geosynclinal. (RZhGeol, No 5, 1954). SO: Sum. No. 443, 5 Apr. 55

Name KHALILOV, Abdul-Gamil Yusuf-ogly

Dissertation Bottom-Layer Chalk Deposits in the

Azerbaydzhan part of the Minor

Caucasus

Degree Doc Geol-Min Sci

affiliation Council for the Study of Productive

Powers under the Acad Sci Azerb SSR

Defense Date, Place 5 Jan 56, Council of Inst of Geology

imeni Gubkin, Acad Sci Azerb SSR

Certification Date 15 Dac 56

Source BMVO 7/57

KHALILOV, A.G.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720002-0"

Occurrence of Albian deposits in the Bazar-Chai River Easin of the Lessor Caucasus. Dokl. AN Agerb. SSR 12 no.11:837-840 156.

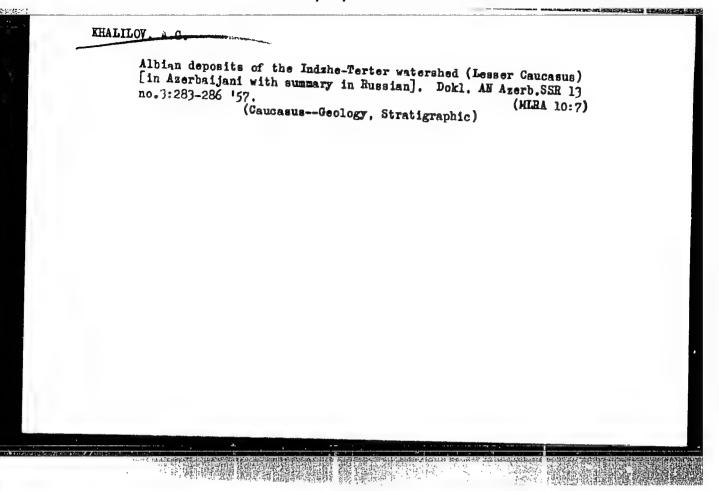
(MIRA 10:3)

1. Institut geologii AN Azerbaydshanskoy SSR. Predstavleno akademikom AN Azerbaydshanskoy SSR M.M. Aliyevym.

(Basar-Chai Basin--Geology, Stratigraphic)

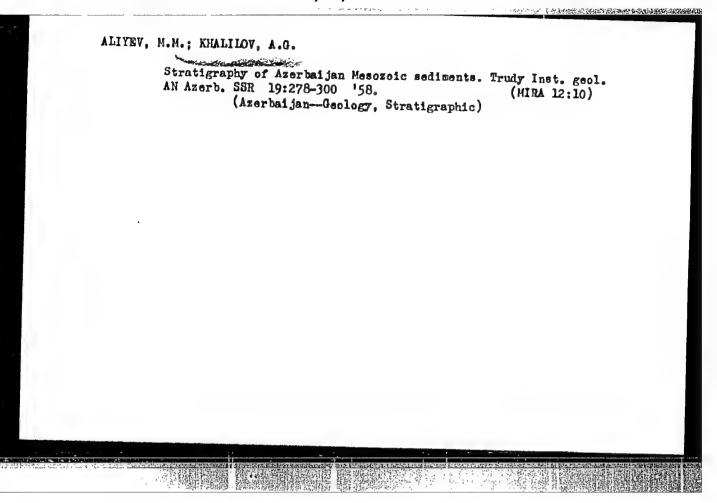
ALIZADE, K.A.; VEKILOV, B.G.; GEYVANDOVA, Ye.Kh.; KHALILOV, A.G., redaktor; PEVZNER, M.I., tekhnicheskiy redaktor.

[Principal fossils of the Pleiocene and Quaternary Periods in Azerbaijan] Rukovodiashchie okamenelosti pliotsenovykh i chetvertichnykh otlozhenii Azerbaidshana; spravochnik. Baku, Izd-vo Akad.nauk Azerbaidshanskoi SSR, 1957. 141 p. (MLRA 10:6) (Azerbaijan--Paleontology, Stratigraphic)



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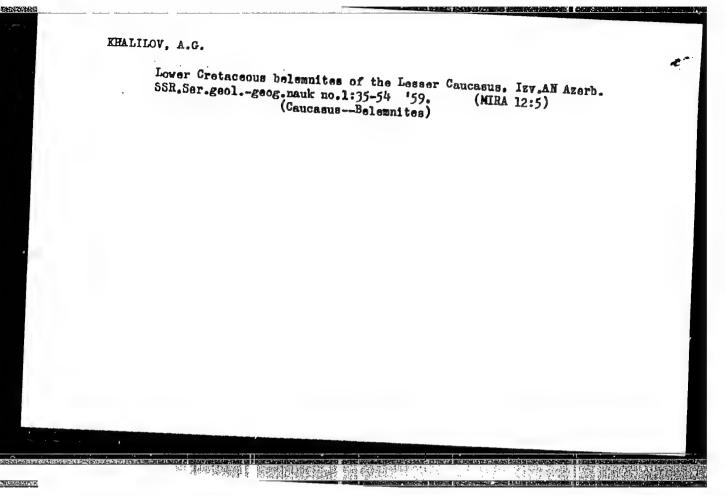


KHALILOV, A.G.; ALIYEV, H.M., akademik, red.; DOLGOV, V.I., red.izd-ve

[Lower Cretaceous sediments in the Azerbaijan portion of the Lesser Caucacas; stratigraphy, paleogeography, and history of geological development] Nizhnemelovye otlozheniia azerbaidzhanskoi chasti Malogo Kavkaza; stratigrafiia, paleogeografiia i istoriia geologicheskogo razvitiia. Baku, Izd-vo Akadanauk Azerbaidzhanskoi SSR, 1959. 294 p. (MIRA 13:2)

The standard designation and the standard services and the standard se

1. Akademiya nauk Azerbaydshanskoy SSR (for Aliyev). (Caucasus--Geology)



Lower Cretaceous Inoceramus in the eastern part of the Lesser Caucaaus. Izv. An Azerb. SSR. Ser. geol.-geog. nauk no.4:27-39

(Caucasus--Lamellibranchiata, Fossil)

(Caucasus--Lamellibranchiata, Fossil)

ALIZADE, K.A.; KHALILOV, A.G.

Forty years of paleontological and stratigraphic research in Azerbaijan. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.2:11-27 460.

(Azerbaijan--Geology, Stratigrafhic)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720002-0"

四种 国际计划

KHALILOV, A.G.; MOTORINA, V.V. Vitamin B, metabolism in healthy subjects under the conditions of Tashkent in relation to the period of the year. Shor. trud. Uz. nauch.-issl. tub. inst. 3:161-165 '57. (MIRA 14:5) (TASHKENT—THIAMINE) (PYRUVIC ACID)

KHALILOV, A.G. (Tashkent)

Seasonal factor in vitamin B₁ metabolism and conditions of the intestine in chronic dysentery, Klin, med. 38 no.88116-118 Ag *60.

1. Iz kafedry infektsionnyh bolezney (zav. - prof. I.K. Musabayev)

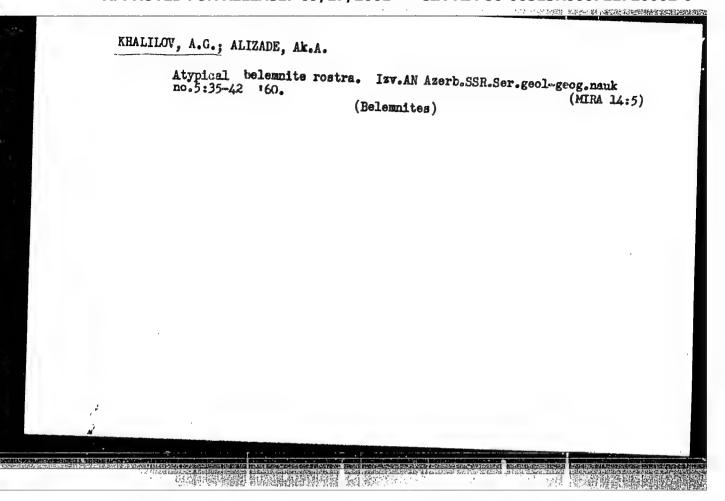
Tashkentakogo instituta usovershenstwavaniya vrachey.

(DYSENTERY) (THIAMINE)

(WEATHER-MENTAL AND PHYSIOLOGICAL EFFECTS)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720002-0



SULTANOV, K.M. · KHALILOV, A.G., red.; KOSTYUKOVSKAYA, Ye., red. izd-va; ISMAYLOV, T., tekhn. red.

[Brief paleontologic dictionary] Kratkii paleontologicheskii slovar'. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961.
209 p. (MIRA 15:2)

(Paleontology-Dictionaries)

KHALILOV, A.G.

Discovery of rhyncholites in lower Cretaceous sediments of the southeastern Caucasus. Dokl. AN Azerb. SSR 17 no.1:53-56 '61.

(MIRA 14:3)

1. Institut geologii AN AzerbSSR. Predstavleno akademikom AN AzerbSSR A.D. Sultanovym.

(Gaucacus—Gephalopoda, Possil)

KHALILDV, A.G.: ALIYEV, G.A.; ALIZADE, Ak.A.

Find a lower Cretaceous ichthyosaur in the southeastern Caucasus. Dokl.AN Azerb.SSR 17 no.11:1049-1051 161. (MIRA 15:2)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR M.A.Kashkayem. (Gariblik region--Ichthyosauria)

KHALILOV, A.G.

Lower Cretaceous dwarf Phylloceratidae of the southeastern Caucasus. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefti no.41 39-56 162. (MIRA 16:2) (Caucasus--Phylloceratidae, Fossil)

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KHALILOV, A.G.

Detection and stratigraphic correlation of Aptian and Albian deposits in the region of the village of Konakhkend (southeastern Caucasus). Dokl.AN Azerb.SSR 18 no.1:39-42 '62. (MIRA 15:3)

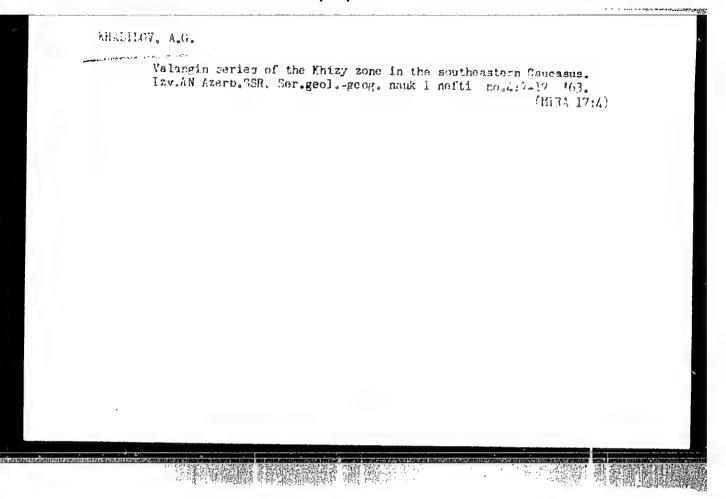
1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR. M.A.Kashkayem.

(Konakhkend region—Geology, Stratigraphic)

POLADOV, M.M., kand. sel'khoz. nauk, otv. red.; KHALILOV, A.G., prof., red.; RUSTAMOV, S.G., prof., red.; RUSTAMOV, N.G., red.; YACMUROVA, T., red.izd-va; IERAGIMOV, M., tekhn. red.

[Problems of the overall use and conservation of water resources in the Azerbaijan S.S.R.] Voprosy kompleksnogo ispol'zovaniia i okhrany vodnykh resursov Azerbaidzhanskoi SSR. Baku, Izd-vo AN Azerbaidzh. SSR, 1963. 462 p. (MIRA 17:2)

1. Akademiya nauk Azerbaidzhanskoy SSR. Baku. Sovet po izucheniyu proizvoditel'nykh sil.



ALIYEV, G.A.; KHALILOV, A.G.; ALIZADE, K.A.; PCHELINTSEV, V.F.

[Cretaceous gastropods of the Lesser Caucasus and their stratigraphic significance] Briukhonogie mela Malogo Kavkaza i ikh stratigraficheskoe znachenie. Baku, Izdvo AN Azerb.SSR, 1963. 156 p. (MIRA 17:6)

2. 1911年10. 101 - 401 - 401 - 2011年10日 1011年10日 1011年101日 1011年10日 1011年10日 1011年10日 1011年10日 1011年10日 1011年10日 1011年101年10日 1011年10日 1011年1

ALIKHANOV, A.N., glav. red.; AZIZBEKOV, Sh.A., otv. red.; SULTANOV, A.D., otv. red.; ABRAMOVICH, M.V., red.; ALIZADE, A.A., red.; ALIZADE, K.A., red.; KASHKAY, M.A., red.; KHALILOV, A.G., red.

[Outline of the geology of Azerbaijan (dedicated to the 22nd Session of the International Geological Congress in India)] Ocherki po geologii Azerbaidzhana (posviashchaetsia XXII sessii Mezhdunarodnogo geologicheskogo kongressa v Indii). Baku, 1964. 386 p. (MIRA 17:12)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku.

KHALILOV, A.G.; SULTANOV, A.D., akademik, red.; SULTANOV, K.M., prof., red.

[Stratigraphy of Lower Cretaceous sediments in the southeastern extremity of the Creater Caucasus] Stratigrafiia nizhnemelovykh otlozhenii IUgo-Vostochnogo okonchaniia Bol'shogo Kavkaza. Baku, Izd-vo AN Azerb.SSR, 1965. 206 p. (MIRA 18:5)

1. Akademiya nauk Azerbaydzhanskoy SSR(for Sultanov, A.D.).

KHALILOV, A.G., red.; PRILIPKO, L.I., red.; MAMED-ZADE, M.D., red.; NAZIROVA, B.T., red

[Flash floods in the Kishchay River basin and measures for their control] Selevye iavleniia basseina r. Kishchai i meropriiatiia po bor'be s nimi. Baku, Izd-vo AN Azerb.SSR, 1965. 138 p. (MIRA 18:10)

1. Akademiya nauk Azerbaydzhanskoy SSR, Baku. Sovet po izu-cheniyu proizvoditel'nykh sil.

KHALILOV, A.I.

Influence of several elements of the natural regime of the Caspian Sea shore line upon the operation of hydraulic structures. Trudy Inst. geog. AN Azerb. SSR 10:76-88 161. (MIRA 14:12)

(Caspian Sea region—Physical geography)

(Caspian Sea region—Hydraulic engineering)

LEONT'YEV, O.K.; KHALILOV, A.I.

Role of the river factor in the dynamics of the western shore of the Caspian Sea. Vest. Mosk. un. Ser. 5: Geog. 17 no.6:49-55, N-D (MILL 15:1)

1. Kafedra geomorfologii Moskovskogo universiteta. (Caspian Sea region--Runoff) (Caspian Sea---Coast changes)

MEKHTIYEV, N.N.; KHALILOV, A.I.; SHIRINOV, N.Sh. Study of seashores. Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefti no.4:145-147 '62. (MIRA 16: (Seashore) (MIRA 16:2)

LECNTYEV, O.E.; EHALHOV, A.I.; MEKHTIYEV, N.N.; KUDUSOV, F.1.

Some characteristics of the present-day dynamics of the coasts of Sulak Hay. Dokl. AN Azerb. SSR 21 no.2:39-43 165.

1. Institut geografii AN AzerSSR.

(MPA 18:5)

LEONT'YEV, O.K.; KHALILOV, A.I.; ANTONOV, B.A., red.

[Natural conditions governing the formation of coasts of the Caspian Sea] Prirodnye usloviia formirovaniia beregov Kaspiiskogo moria. Baku, Izd-vo Akad. nauk Azerbaid-zhanskoi SSR, 1965. 204 p. (MIRA 19:1)

PISHNAMAZZADE, B.F.; KHALTLOV. A.KL.; KOSHELEVA, L.M.; EYBATOVA, Sh.E.; RZAYEVA, S.Z.; FAMEDOV, F.A.

Individual hydrocarbon composition of straight-run gasolines from the Gyurgyan maritime petroleum field of the Sub-Kirmaki series. Azerb. khim.zhur. no.4:45-58 '59. (MIRA 14:9) (Gasoline) (Hydrocarbons) (Gyurgyan-Petroleum)

KHALILOV, A.Kh.; PARFEN!YEV, I.; AKCHURIN, B.S., kand.veterinarnykh nauk; ALPAROV, D.A., kand.biologicheskikh nauk; GAREYEV, M.S., mladshiy nauchnyy sotrudnik; SHERSTOV, S.V.

Use of tissue preparations. Veterinariia 38 no.1:25-26 Ja '61.

(MIRA 15:4)

1. Sekretar Charodinskogo rayonnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza Dagestanskoy ESR (for Khalilov).

2. Glavnyy veterinarnyy vrach Orzhitskogo rayona, Poltavskoy oblasti (for Parfentyev). 3. Bashkirskaya nauchno-issledovateltskaya vetbaklaboratoriya (for Akchurin, Alparov, Gareyev). 4. Glavnyy veterinarnyy vrach Upravleniya myaso molochnoy i rybnoy promyshlennosti Zaporozhskogo sovnarkhoza (for Sherstov).

(Tissue extracts) (Stock and stockbreeding)

KHALILOV, A. KH.

USSR/Chemistry - Holecular Compounds

Dec 51

"Employment of Investigation of the Intensity of Lines of Combination Scattering of Light for the Study of Molecualr Compounds," P. P. Shorygin, A. Kh. Khalilov, Phys Chem Inst imeni L. Ya. Karpov, Moscow

"Zhur Fiz Khim" Vol XXV, No 12, pp 1175-1178

Investigation of Raman spectra, with special emphasis on line intensity, revealed that in solns of amiline in HCOOH and AcOH and solns of p-nitroanaline in AcOH, mol compds, not real salts, are formed. Data on intensity of 1,600 cm⁻¹ band of benzene ring canbe used to solve problem of valency state of N atom added to ring. Data on intensity of mitro-group band can be used to ascertain character of substituents in p-position.

PA 197T28

WHALILO7, A. Kh.

USSR/Chemistry - Aromatic Hydrocarbons 1 May 51

"The Relationship Between the Line Intensity of Raman Spectra of Benzene Derivatives and Their Structural Characteristics," A. Kh. Khalilov, P. P. Shorygin

"Dok Ak Nauk SSSR" Vol IXXVIII, No 1, pp 87-90

Measures the coeffs of intensity of the Raman Lines for benzene derivs bearing substituents which have both single and multiple bonds. Electropos substituents in the pera position of nitro derivs of stituents in the pera position of nitro derivs of benzene bring about a sharp increase in the intensity of the line corresponding to the No₂ group but electroneg substituents have little effect.

21775

KHALILOV, A. Kh.

154719

USBR/Chemistry - Double Bonds

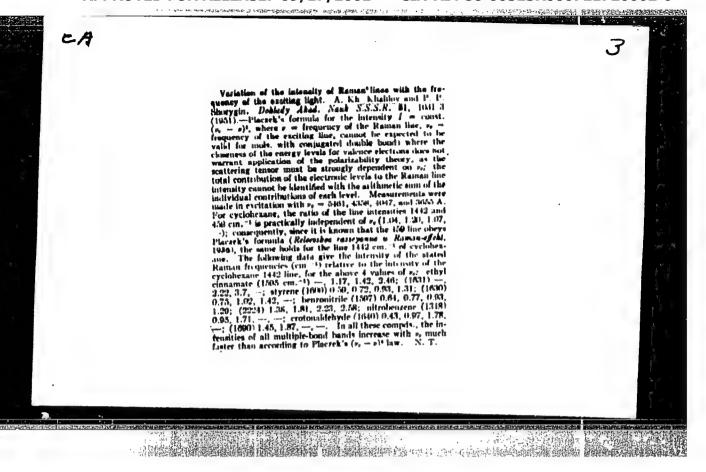
21 Jun 51

"Investigation by the Combination Light Dispersion Method of the Mutual Interaction of Nonconjugated Double Bonds," A. Kh. Khalilov, P. P. Shorygin, Sci Res Phys Chem Inst imeni L. Ya. Karpov.

"Dok Ak Nauk SSSR" Vol LXXVIII, No 6, pp 1177-1180

When 2 double bonds are sepd by CH₂ group, line of benzene ring and lines of double bonds are strengthened. When they are sepd by oxygen bridge, these lines are weakened or unchanged. This indicates that interaction between double bonds cannot be regarded as weakened conjugation effect.

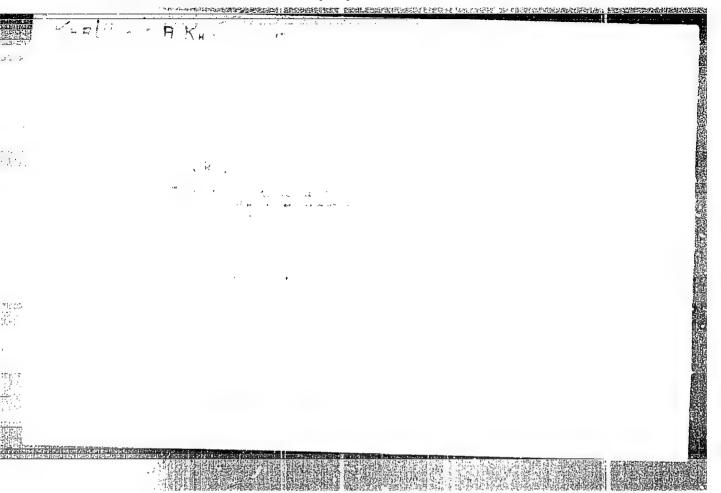
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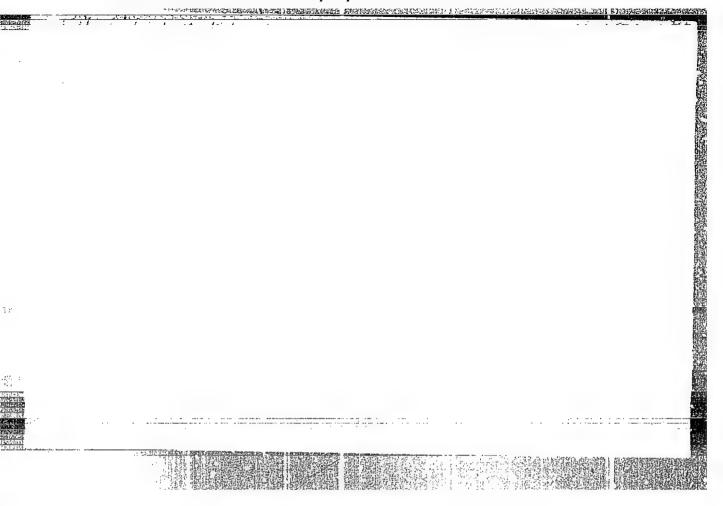


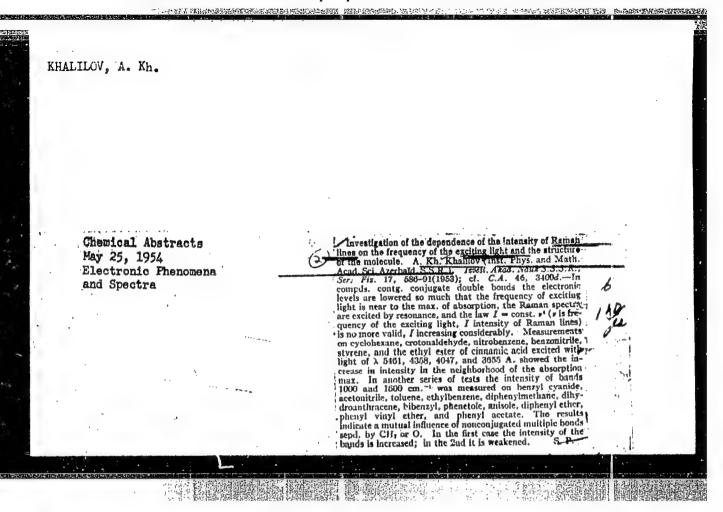
KHALILOV, A. Kh.

KHALILOV, A. Kh. - "Investigation of the Relation of the Intensity of Lines of Combination Scattering (Raman Effect) to the Frequency of the Stimulating Light and to the Structural Properties of Molecules." Sub 1° Feb 52, "oscow State Pedagogical Inst imeni V. I. Lenin. (Dissertation for the Degree of Candidate in Physicomathematical Sciences).

SO: Vechernaya Moskva January-December 1952







KOSHELEVA, L. M., MAMEDOVA, A. R., PISHNAMAZZADE, B. R., RZAYEVA, S. Z., SULTANOV, G. A., KHALILOV, A. KH., AND EYBATOVA, SH. E.

Possibility of Abundance of Seven-Membered Naphtene Hydrocarbons in Petroleum

三元 5 网络电影电影电影电影电影观别的影响 网络电影流 医肠神经炎 经证证 不了一

Raman spectra of two fractions boiling at 127-133 and 133-138° respectively were analyzed for establishing the individual compound of specially prepared narrow fraction of benzene "KC" (source "Neftyanyye Kamni" at the Caucasus). The 127-133° fraction exhibited the line 710 cm⁻¹, tentatively attributed to methylcycloheptane, found in the tested petroleum as impurity. It will be attempted to find methylcycloheptane in petroleum by chemical methods. (RZhFiz, No. 8, 1955) Dokl. AN Az SSR, 10, No. 6, 1954, 421-426.

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

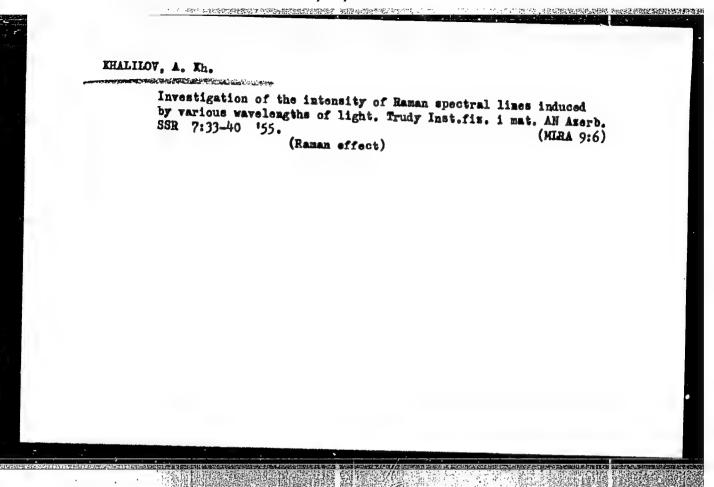
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MEKHTIYEV,S.D.; KHALILOV,A.Kh; RZAYEVA,S.Z.

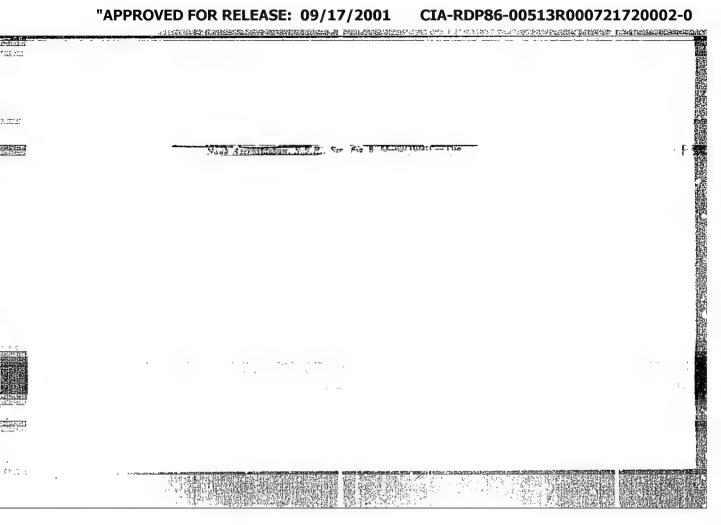
1:17 7 1 1212 A. Ta

Investigation of the hydrocarbon composition of isomerization products of some individual polymethylene hydrocarbons under the action of aluminum chloride. Dokl. AN A zerb.SSR 10 no. 10:677-681 154. (MIRA 8:10)

1. Institut nefti Akademii nauk Azerbaydzhanskoy SSR. Predstavleno deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy SSR Yu.G.Mamedaliyevym (Hydrocarbons) (Isomers and isomerization)

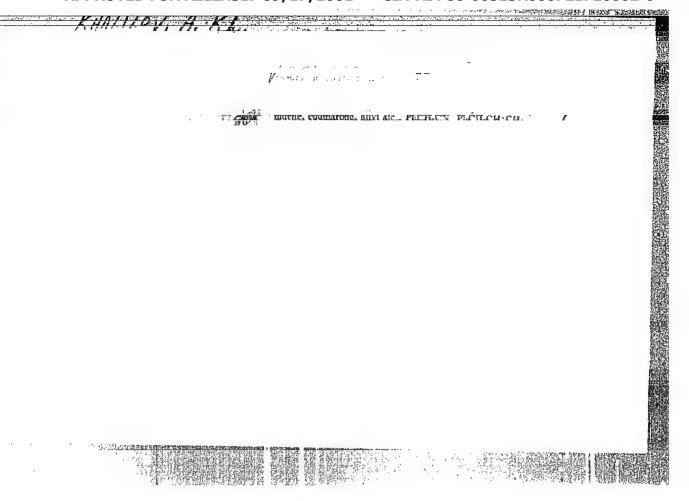


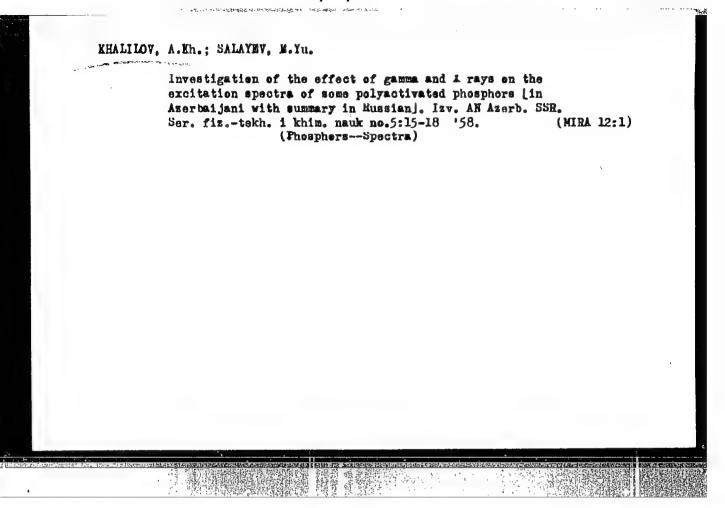




KHALILOV, A.Kh.; SULTANOV, A.M.; SULTANOV, G.A.

Light filter transmission spectra. Trudy Inst.fiz.i mat.AN Azerb.SSR 8:91-99 '56. (MLRA 10:5) (Light filters) (Spectrum analysis)





Investigation of the trapping centers in KGl+AgCl+TiCl, KGl+AgCl+
+GuCl and KGl+TiCl+CuCl monocrystals. Tzv. AN Azerb. SSR. Ser.fiz.tekh. 1 khim.nauk no.6:39-42 '58. (MIRA 12:2)

(Phosphors) (Absorption spectra)

Infrared absorption spectra and molecular association in solutions.
Trudy Inst. fiz. 1 mat. AN Azerb. SSR. 9:97-105 '58.

(Spectrum, Infrared) (Solution (Chemistry))

KHALILOV, A.Kh.; SULTANOV, G.A.

Effect of the molecular interaction on electron absorption spectra of molecules of liquids [in Azerbaijani with summary in Russian].

Trudy Inst. fiz. i mat. AN Azerb. SSR. 9:106-114 '58.

(MIRA 12:2)

(Liquids--Spectra)

ALIYEV, M.I.; KHALILOV, A.Kh.

Effect of iodine on the optical properties of selenium, Dokl. AN
Amerb. SSR 14 no.1:9-15 '58. (MIRA 11:2)

1. Institut fiziki i matematiki AN Azerbaydzhanskoy SSR. Predstavleno
akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.

(Selenium--Optical properties) (Iodine)

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KHALILOV, A.Kh.; MAMEDOV, A.P.

Investigating trapping centers in NaCl:AgCl:TlCl and NaCl:AgCl:CuCl single crystals [in Azerbaijani with summary in Russian]. Izv.AN Azerb. SSR. Ser.fix.-tekh.i khim.nauk no.1:3-6 '59. (MIRA 12:6)

(Excitons) (Phosphors)

Studying the temperature dependence of additive absorption spectra of several polymetallic phosphors [in Azerbaijani with summary in Russianj. Izv. AN Azerb. SSR. Ser. fiz. tekh. i khim. nauk no.2: (Phosphors—Spectra) (Absorption spectra) (Phosphors—Spectra) (Absorption spectra)

KHALIIOV, A.Kh.; ISAYEV, F.K.

Studying excitation and absorption spectra of crystalline phosphors containing various anions of the activating admixture and the base. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk, no.3:45-52 \$59 (Phosphors--Spectra) (MIRA 13:3)

EHALILOV, A.Eb.; SAIATEV, E.Yu.; DOBROZHANSKIY, G.F.

Studying the effect of visible radiation on the spectra of auxiliary absorption of certain monocrystals. Izv.AN Aserb.

SSR.Ser.fis.-mat.i tekh.nauk no.4:35-41 '59.

(Radiation) (Chlorides--Spectra)

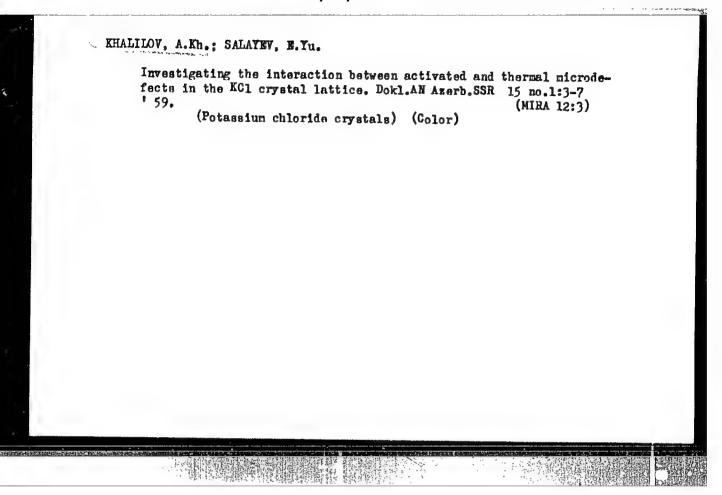
(MIRA 13:2)

KHALILOV, A.Kh.; MAMEDOV, A.P. Studying trapping centers in certain monocrystals of alkali metal halides. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk

no.5:75-81 159.

(MIRA 13:3) (Alkali metal halides) (Crystal lattices)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720002-0"



\$/058/61/000/003/003/027 A001/A001

Translation from: Referativnyy zhurnal, Fizika, 1961, No. 3, p. 179, # 3V154

AUTHORS:

Khalilov, A. Kh., Sultanov, G. A.

TITLE:

Investigation of Absorption Dichroism of Thin Films With Artificially

Oriented Molecules

PERIODICAL: Izv. AN AzerbSSR. Ser. fiz.-matem. i tekhn. n.", 1960, No. 1, pp.35-

39. (Azerb. symmary)

The authors investigated dichroism of absorption by polystyrene thin films containing molecules of some organic substance with *T-electronic absorption bands in the visible and near ultraviolet regions. Molecules in the polystyrene film were pre-oriented along their extended axes by 1-to 3-fold stretching of the film. Polarization absorption spectra were taken with an CP-4 (SF-4) spectrophotometer. It was found that dichroism grows with multiplicity of stretching in all the investigated substances; this indicates a relation between dichroism of orientation and inherent dichroism of molecules. In the same substance, dichroism in different absorption bands is almost the same, but in different substances

Card 1/2

S/058/61/000/003/003/027 A001/A001

Investigation of Absorption Dichroism of Thin Films With Artificially Oriented Molecules

dichroism is the greater, the more oblate ellipsoid represents the spatial configuration of the molecule.

P. Kard

Translator's note: This is the full translation of the original Russian abstract,

Card 2/2

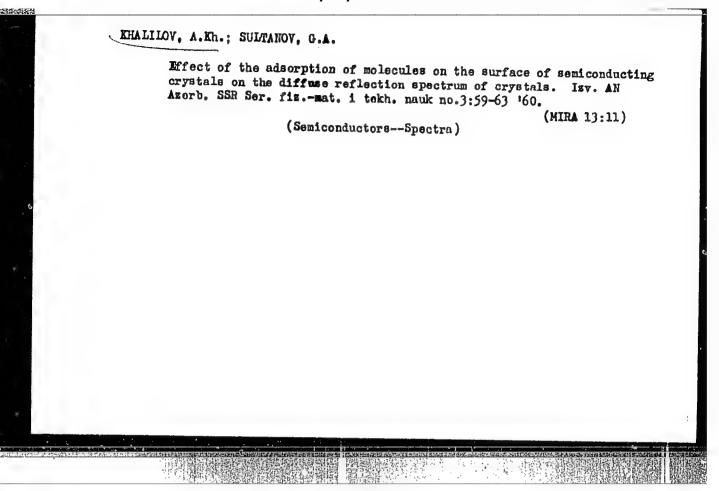
SULTANOV, A.M.; KHALHOV, A.Kh.

Investigating the laws of luminescence attenuation of some polycrystalline phosphors by means of the oscillographic method. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no.3:31-37 '60.

(Phosphors) (Luminescence)

Studying the thermoluminescence of some polyactivated alkali halide crystal phosphors. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no.3:39-46 160. (MIRA 13:11)

(Alkali halide crystals) (Phosphors)



KHALILOV, A.Kh.; MAMEDOV, A.P.

Investigating thermal fluorescence of some NaCl-phosphors excited by X rays. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.5:73-78 '60. (MIRA 14:4)

(Sodium chloried) (Fluorescence)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721720002-0

Investigation of the the moluminescence of certain KCl crystal phosphors. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.6:85-90 '60.

(Luminescence) (Phosphors)

(NIRA 14:8)

5/081/62/000/003/010/090 B151/3144

AUTHORS:

Khalilov, A. Kh., Lasedov, A. P.

TITLE:

Investigation of the effect of A- and Y-rays on the absorption and excitation spectra of MaCl + AgCl, MaCl + TiCl, and

haCl + CuClo

PERIODICAL:

Referativnyy shurmal. Khimi, a, no. 5, 1962, 43, abstract 33281 (Tr. In-ta fiz. AN AzerbSSR, v. 10, 1960, 34 - 40)

TEXT: In the spectrum of pure MaCl monocrystals, after irradiation with X- or y-rays absorption bands appear, caused by microdefects of nonactivational origin. In the absorption spectra of X-ray treated MaCl monocrystals, containing impurities of Ag, Tl, and Cu, new absorption bands appear after irradiation, caused by new capture centers. Abstracter's note: Complete translation]

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720002-0" 0/031/62/000/003/009/090

B151/B14L

AUTHORS:

Khalilov, A. Kh., Salayev, E. fu.

TITLE:

Effect of X-rays and X-rays on the absorption and excitation spectra of memocrystals of MC1 + TlC1, MC1 + CuCl2,

KC1 + A101

PLRIOLICAL:

Referatively zhurmal. Khimiya, no. 3, 1962, 43, abstract 38280 (Tr. In-ta. 112. AN AzerbSUR, v. 10, 1960, 44 - 51)

TaxT: Irradiation of monocrystals of KCl + TlCl, KCl + CuJl2, KCl + AgCl with X- or X-rays brings about the appearance of additional bands in the absorption spectra, caused by microdefects (impurities and thermal microdefects). [Abstracter's note: Complete translation.]

Cara 1/1

KHALILOV, A. Kh.; ISAYEV, F. K.

Complex investigation of the effect of activator anions on the optical properties of alkali-halide crystal phosphors. Izv. AN Azerb. SSR. Ser. fiz.-mat.i tekh. nauk no.1:61-71 '61. (Phosphors)

20821

24.3500 (1137,1138, 1395)

S/048/61/025/003/009/047 B104/B201

AUTHORS:

Khalilov, A.Kh., Stlayev, E.Yv., Mamedov, A.F., Aligeva, T.D., and Isayev, F.K.

TITLE:

Comprehensive study of optical and thermo-optical properties of polyactivated alkali halide crystal phosphors

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, v. 25, no. 3, 1961, 335 - 340

TEXT: This is a reproduction of a lecture delivered at the 9th Conference on Luminescence (Crystal Phosphors), which took place in Kiyev from June 20 to 25, 1960. The authors present results of a study of the excitation spectra of the luminescence bands and the spectral composition, fluorescence, phosphorescence, and thermal de-excitation, as well as of the inner extinction of visible and ultraviolet luminescence. Comprehensive results are given in Figs. 1 and 2, and in Table 1. The single crystals were bred from a melt by Kiropulos' method (with activator concentrations in the melt between 0.01 and 1 mole%). The spectra were measured with a spectrometer containing two monochromators. A sensitizing effect of Ag - and

Card 1/8

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